

Fast Flux Test Facility (FFTF) Project (RL-0042)

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Sodium Storage Facility



Aerial View of the 400 Area



Fast Flux Test Facility (FFTF)

Overview

This section addresses work in Project Baseline Summary RL-0042, *Nuclear Facility Deactivation and Decommissioning (D&D), Fast Flux Test Facility Project*.

NOTE: Unless otherwise noted, all information contained herein is as of the end of August 2004.

Notable Accomplishments

Fuel Offload: The remaining 3 of 5 recycled Interim Storage Casks (ISCs) were shipped to the 200 Area Interim Storage Area (ISA) on August 20, 2004, completing this activity 11 days ahead of schedule.

Interim Storage: The transfer of six additional loaded ISCs from the 400 Area ISA to the 200 Area ISA at the Canister Storage Building has been completed. To date 16 of 22 ISCs have been moved to the 200 Area ISA.

Primary Sodium Drain: Phase 1 of primary sodium drain was completed on August 18, 2004. Over a period of ten days, the reactor vessel sodium level was reduced 16-1/2 feet, the three Heat Transport System loops were drained, and 74,900 gallons of sodium were transferred to the Sodium Storage Facility.

Interim Examination and Maintenance (IEM) Cell: Fuel washing activities have resumed after resolution of a problem identified with the water inventory within the Sodium Removal System (internal hydraulics within the ion exchange beds). Fuel assemblies are being transferred into the IEM Cell and are being washed. Preparations for the processing of fuel assembly PO-4 continue on a not-to-interfere-with-fuel-washing basis.

FY 2004 FH Funds vs. Spend Forecast (\$M)

	FY 2004 Anticipated Funding w/Carryover	FY 2004 Fiscal Year Spend Forecast	Variance
Nuclear Facility D&D, FFTF Project	\$ 42.2	\$ 40.0	\$ 2.2

FY 2004 Schedule/Cost Performance (\$M)

	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion
Nuclear Facility D&D, FFTF Project	36.5	35.4	35.8	-1.0	-3%	-0.3	-1%	41.8

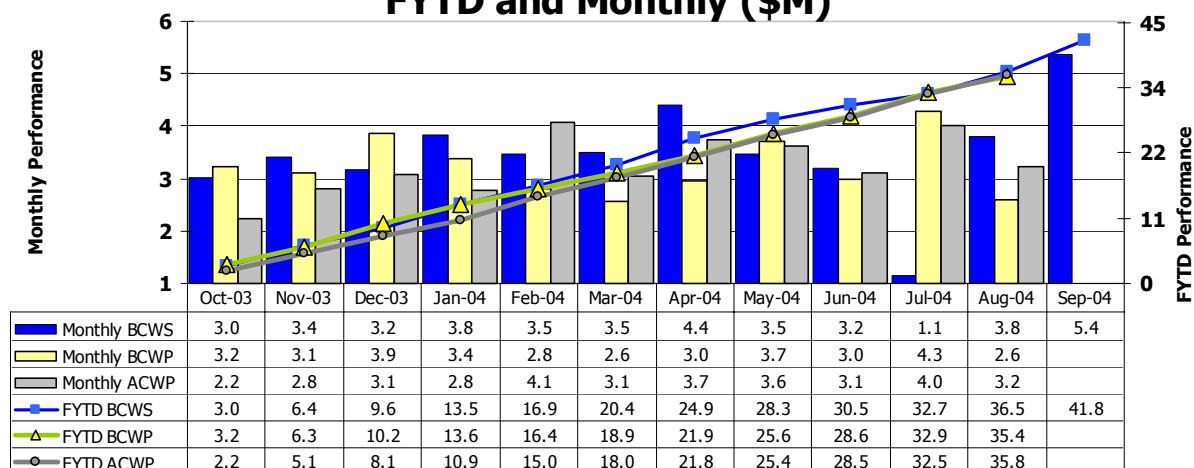
Numbers are rounded to the nearest \$M.

Schedule Performance (-\$1.0M/-3%): The schedule progress is due to fuel offload cask delivery delays and delays in the FFTF contract transition.

Cost Performance (-\$0.3M/-1%): The cost variance is within the established threshold.

FY 2004 Schedule/Cost Performance (Continued)

Performance Analysis FYTD and Monthly (\$M)



Milestone Achievement

Number	Milestone Title	Type	Due Date	Actual Date	Forecast Date	Status/Comments
RL42-1a4	Complete disassembly of fuel assembly MFF-1 and loading of fuel pins into Ident 69 pin containers	PI	7/31/04	7/9/04		Complete
RL42-1b	Perform additional risk reduction at the FFTF by completing selected reactor sodium and sodium-potassium alloy drain activities	PI	Prior to FFTF contract transition	8/18/04		Complete
RL42-1a2	Complete loading and transferring five additional ISCs	PI	8/31/04	8/20/04		Complete
RL42-1a3	Complete loading and transferring ten additional ISCs	PI	3/31/05		3/31/05	On Schedule